

ABSTRACT OF THE DISCLOSURE

An ATM dual system wherein the intervals between couplers and ONUs are dualized comprises a dualized line termination device loading a PLOAM cell transmitter/receiver within an OLT, the PLOAM cells being used for monitoring and being transmitted and received between the OLT and the ONU, and a PST message transmitter/receiver which loads and allocates switch controlling information to K1/K2 byte areas of the aforementioned PLOAM cells, and a VP/VC switch which switches each of the relevant VP or VC on the basis of the aforementioned K1/K2 byte information.